

TENNESSEE RIVER BASIN

03600085 CARTERS CREEK AT PETTY LANE NEAR CARTERS CREEK, TN

LOCATION.--Lat 35°43'39", long 86°59'19", Maury County, Hydrologic Unit 06040003, at bridge on Petty Lane, 0.8 mile north of Carters Creek, and at mile 4.7.

DRAINAGE AREA.--16.6 mi².

PERIOD OF RECORD.--October 1986 to current year

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

| Date | Time | Agency analyzing sample, code (00028) | Instantaneous discharge, cfs (00061) | Barometric pressure, mm Hg (00025) | Dissolved oxygen, mg/L (00300) | Dissolved oxygen, percent of saturation (00301) | pH, water, unfltrd field, std units (00400) | Specific conductance, wat unf 25 degC (00095) | Temperature, water, deg C (00010) | E. coli, m-TEC MF, water, col/100 mL (31633) | Fecal coliform, M-FC 0.7u MF col/100 mL (31625) | Arsenic water unfltrd ug/L (01002) | Barium, water, unfltrd recoverable, ug/L (01007) |
|-----------|---|--|--|--|--|--|--|---|---|--|---|--|---|
| DEC 02... | 1000 | 80020 | 107 | 752 | 10.9 | 99 | 7.4 | 310 | 10.5 | 330 | 530 | <2 | 15 |
| FEB 15... | 0930 | 80020 | 47 | 750 | 11.6 | 102 | 7.3 | 340 | 9.0 | 150 | 180 | <2 | 14 |
| MAY 11... | 0930 | 80020 | 5.5 | 749 | 8.9 | 96 | 7.8 | 366 | 18.0 | 630 | 560 | <2 | 17 |
| JUL 13... | 0900 | 80020 | 2.4 | 745 | 6.5 | 76 | 7.6 | 348 | 21.5 | 420 | 220 | <2 | 17 |
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| Date | Cadmium water, unfltrd ug/L (01027) | Chromium, water, unfltrd recoverable, ug/L (01034) | Copper, water, unfltrd recoverable, ug/L (01042) | Cyanide water unfltrd mg/L (00720) | Lead, water, unfltrd recoverable, ug/L (01051) | Mercury water, unfltrd recoverable, ug/L (71900) | Nickel, water, unfltrd recoverable, ug/L (01067) | Selenium, water, unfltrd recoverable, ug/L (01147) | Silver, water, unfltrd recoverable, ug/L (01077) | Zinc, water, unfltrd recoverable, ug/L (01092) | Oil and grease, water, unfltrd freon extract mg/L (00556) | 1,2-Diphenylhydrazine, water, unfltrd ug/L (82626) | 2,4,6-Tri-chlorophenol, water, unfltrd ug/L (34621) |
| DEC 02... | <.04 | .9 | 2.0 | <.01 | .22 | <.01 | .87 | E.3 | <.16 | E2 | <7 | <2 | <1 |
| FEB 15... | .07 | 1.5 | 1.1 | <.01 | .16 | <.01 | 1.11 | .6 | <.16 | 3 | <7 | -- | -- |
| MAY 11... | <.04 | E.5 | .9 | <.01 | .12 | <.01 | .69 | E.4 | <.16 | <2 | <7 | <2 | <1 |
| JUL 13... | <.04 | <.8 | E.5 | <.01 | .07 | <.01 | .82 | E.3 | <.16 | <2 | <7 | -- | -- |
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| Date | 2,4-Dichlorophenol, water, unfltrd ug/L (34601) | 2,4-Dimethylphenol, water, unfltrd ug/L (34606) | 2,4-Dinitrophenol, water, unfltrd ug/L (34616) | 2,4-Dinitrotoluene, water unfltrd ug/L (34611) | 2,6-Dinitrotoluene water unfltrd ug/L (34626) | 2-Chloronaphthalene, water, unfltrd ug/L (34581) | 2-chlorophenol, water, unfltrd ug/L (34586) | 2-Methyl-4,6-dinitrophenol, wat unf ug/L (34567) | 2-nitrophenol, water, unfltrd ug/L (34591) | 3,3'-Dichlorobenzidine, water, unfltrd ug/L (34631) | 4-Bromophenyl phenyl ether, wat unf ug/L (34636) | 4-Chloro-3-methylphenol, wat unf ug/L (34452) | 4-Chlorophenyl phenyl ether, wat unf ug/L (34641) |
| DEC 02... | <2 | <2.0 | <3 | <1 | <2 | <1 | <1 | <2 | <1 | <.9 | <2 | <2 | <1 |
| FEB 15... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY 11... | <2 | <2.0 | <3 | <1 | <2 | <1 | <1 | <2 | <1 | <.9 | <2 | <2 | <1 |
| JUL 13... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| <hr/> | | | | | | | | | | | | | |
| Date | 4-Nitrophenol, water, unfltrd ug/L (34646) | 9H-Fluorene, water, unfltrd ug/L (34381) | Aceanaphthene, water, unfltrd ug/L (34205) | Aceanaphthylene, water, unfltrd ug/L (34200) | Anthracene, water, unfltrd ug/L (34220) | Benzene[a]-anthracene, water, unfltrd ug/L (34526) | Benzene[a]-pyrene, water, unfltrd ug/L (34247) | Benzene[ghi]-fluoranthene water, unfltrd ug/L (34230) | Benzene[k]-fluoranthene water, unfltrd ug/L (34521) | Benzene[n-butyl]phthalate, water, unfltrd ug/L (34242) | Benzyl Bis(2-chloroethoxy)methane water, unfltrd ug/L (34278) | Bis(2-chloroethyl)ether, water, unfltrd ug/L (34273) | |
| DEC 02... | <2 | <1 | <2 | <2 | <2 | <2 | <1 | <2 | <2 | <1 | <2 | <1 | <1 |
| FEB 15... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY 11... | <2 | <1 | <2 | <2 | <2 | <2 | <1 | <2 | <2 | <1 | <2 | <1 | <1 |
| JUL 13... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

E--Estimated

03600085 CARTERS CREEK AT PETTY LANE NEAR CARTERS CREEK, TN—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED